INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/009357

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C69/80 C07C67/08 C07C67/48 H01B3/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - C07C - H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
X	US 5 880 310 A (AGEISHI ET AL) 9 March 1999 (1999-03-09) cited in the application	1-6, 29-35
Y	column 2, lines 40-50; column 2, line 60 - column 3, line 4; column 3, lines 39-45; column 4, line 37 - column 5, line 54; Examples; Tables 1, 2 and 3; claims	7–28
X	GB 1 096 917 A (IMPERIAL CHEMICAL INDUSTRIES LIMITED) 29 December 1967 (1967-12-29)	1-6, 29-35
Y	page 1, lines 64-66; Examples I to IV; claims	7–28
	-/	

Further documents are listed in the continuation of box C	Patent family members are listed in annex		
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filling date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but	"T" later document published after the international filing date or pnority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the aft.		
later than the priority date claimed Date of the actual completion of the international search	*8* document member of the same patent family Date of mailing of the international search report		
10 February 2005	17/02/2005		
Name and mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer		
Tel. (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016	Sen, A		

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/009357

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category *	Creation of document, with indication, where appropriate, of the relevant passages	New Yan to daily Yo.
X Y	US 5 798 319 A (SCHLOSBERG ET AL) 25 August 1998 (1998-08-25) column 2, lines 43-53; column 4, lines 34-45; column 5, line 23 - column 6, line 20; column 15, Table 1, lines 36-39; claims, in particular, claims 1-9; abstract	1-6, 29-35 7-28
X	US 4 284 793 A (SAGARA ET AL) 18 August 1981 (1981-08-18)	1-6, 29-35
Y	Example 1, 4; claims	7–28
X	US 6 437 170 B1 (THIL LUCIEN ET AL) 20 August 2002 (2002-08-20) column 2, lines 25-31; column 7, lines 25-45; column 8, lines 3-6; column 12, line3-32; column 12, line 51 - column 13, line 3; claims	1-35
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 206866 A (MITSUBISHI CHEMICALS	1-6, 29-35
Y	CORP), 31 July 2001 (2001-07-31) abstract	7–28
i		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/009357

	nt document search report		Publication date		Patent family member(s)		Publication date
US 5	880310	A	09-03-1999	JP	10316623	A	02-12-1998
				JP	10316624		02-12-1998
				JP	11012226	A	19-01-1999
GB 1	096917	Α	29-12-1967	BE	684831		30-01-1967
				DE	1270029		12-06-1968
				FR	1489949		28-07-1967
				SE	309774	В	08-04-1969
US 5	798319	Α	25-08-1998	AU	720560		01-06-2000
				AU	2242797		11-08-1997
				BR	9706996		20-07-1999
				CA	2242389		24-07-1997
				CN	1211236		17 - 03 -199 9
				EA	1335		26-02-2001
				EP	0880495		02-12-1998
				JP	2000516970		19-12-2000
				NO	983257		15-07-1998
				WO	9726238	A1 	24-07 - 1997
US 4	284793	Α	18-08-1981	JP	1368046		11-03-1987
				JP	54076517		19-06-1979
				JP	60054945	B 	03-12-1985
US 6	437170	B1	20-08-2002	DE	19918051		26-10-2000
				DE	19924339		30-11-2000
				AT	261929		15-04-2004
				AU	778207		25-11-2004
				AU	1387200		02-11-2000
				BR	9917230		08-01-2002
				CA	2367358		26-10-2000
				CN De	1350515		22-05-2002
					59908919		22-04-2004
				DK	1171413		19-07-2004
				WO	0063151		26-10-2000
				EP ES	1171413		16-01-2002
				JP E2	2217891 2002542217		01-11-2004
							10-12-2002
JP 2	001206866	Α	31-07-2001	NONE			